ABSTRACT

Disclosed is a vector for gene therapy, by which the blood level of a desired

protein can be monitored at high sensitivity when a gene therapy is conducted,

wherein the label peptide does not have a physiological activity and has no

immunogenicity in many mammals.   The vector for gene therapy comprises a

nucleic acid coding for a fusion protein of glucagon C-terminal side 19-29 amino

acid peptide region and a desired protein region which should be produced in the

body, which nucleic acid is incorporated into an expression vector for mammalian

cells.